

Figure 1

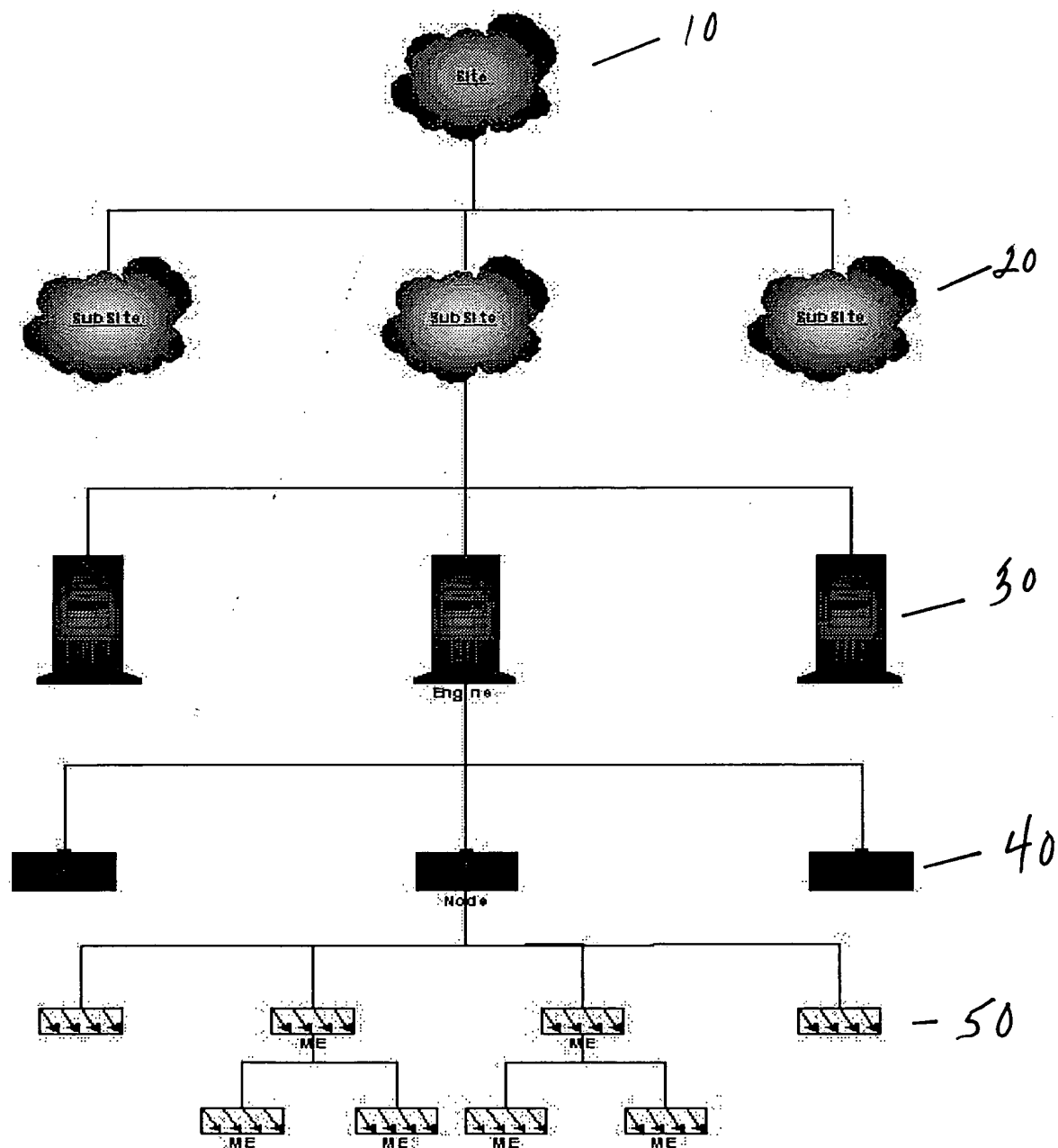
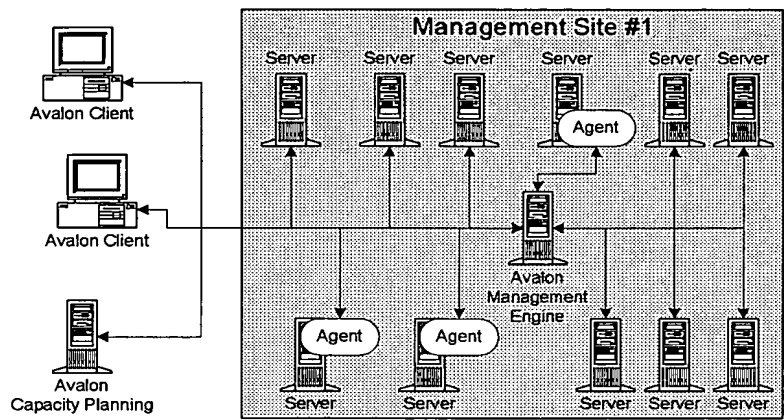
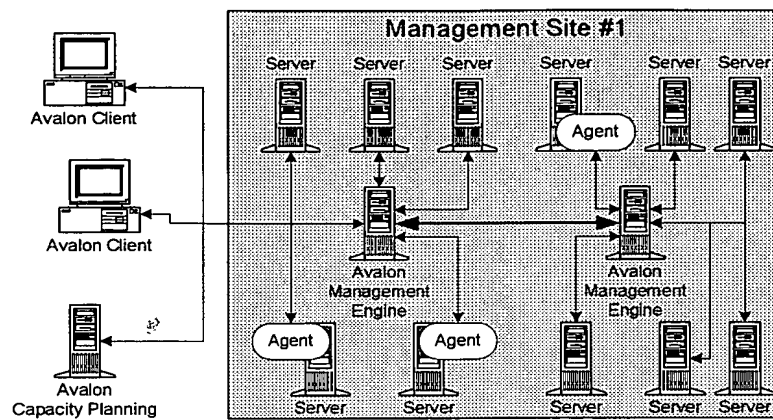


Figure 2



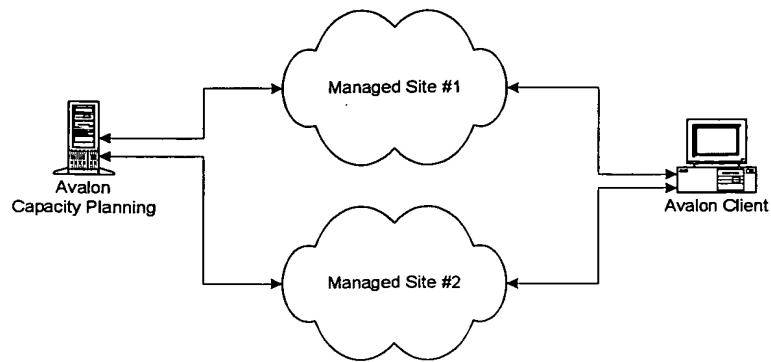
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Figure 3



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Figure 4



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Figure 6

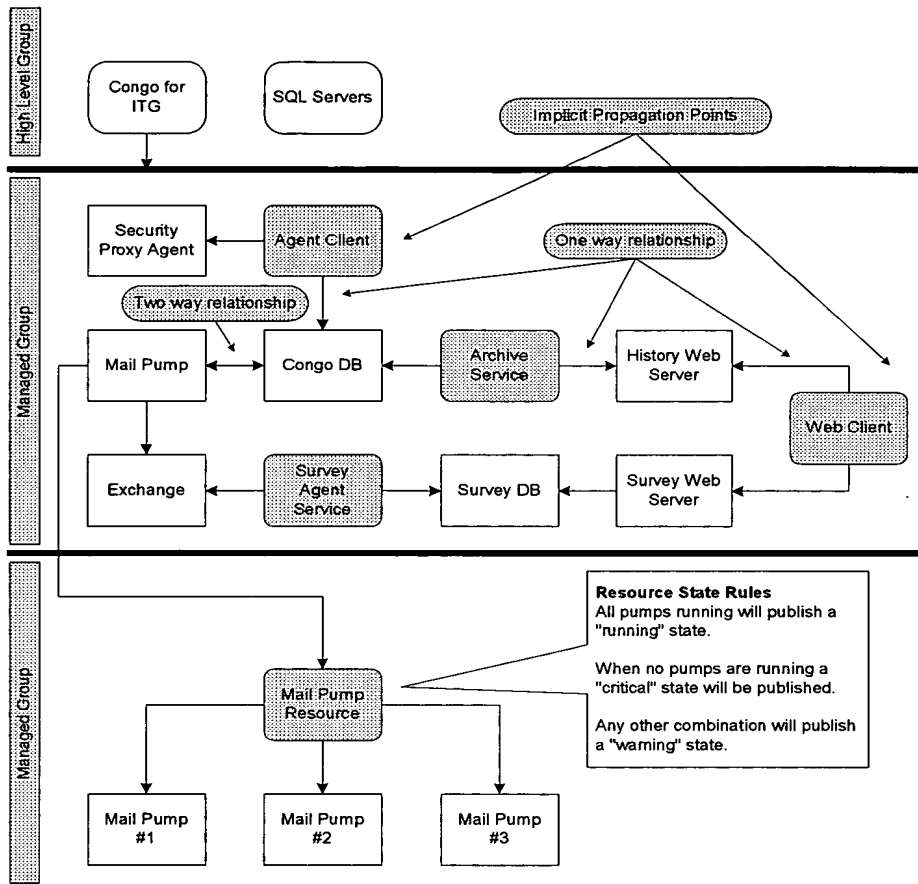
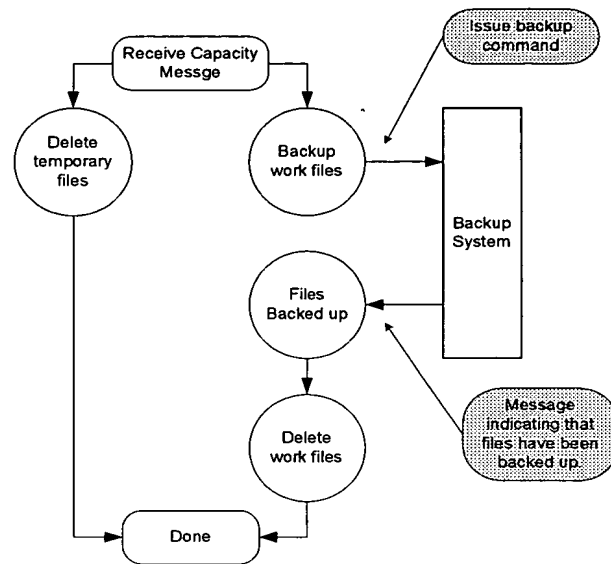
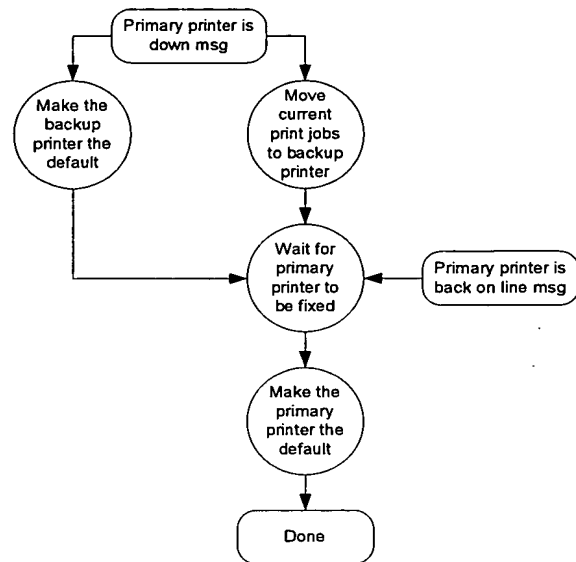


Figure 9



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Figure 10



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Figure 11

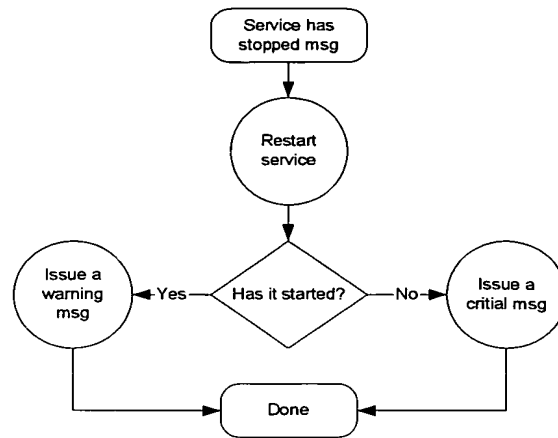
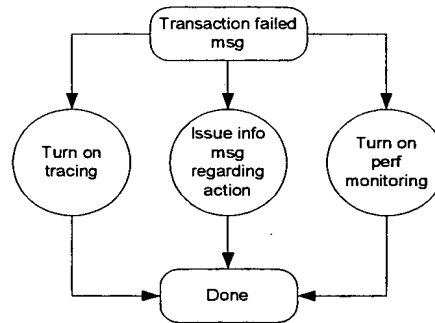
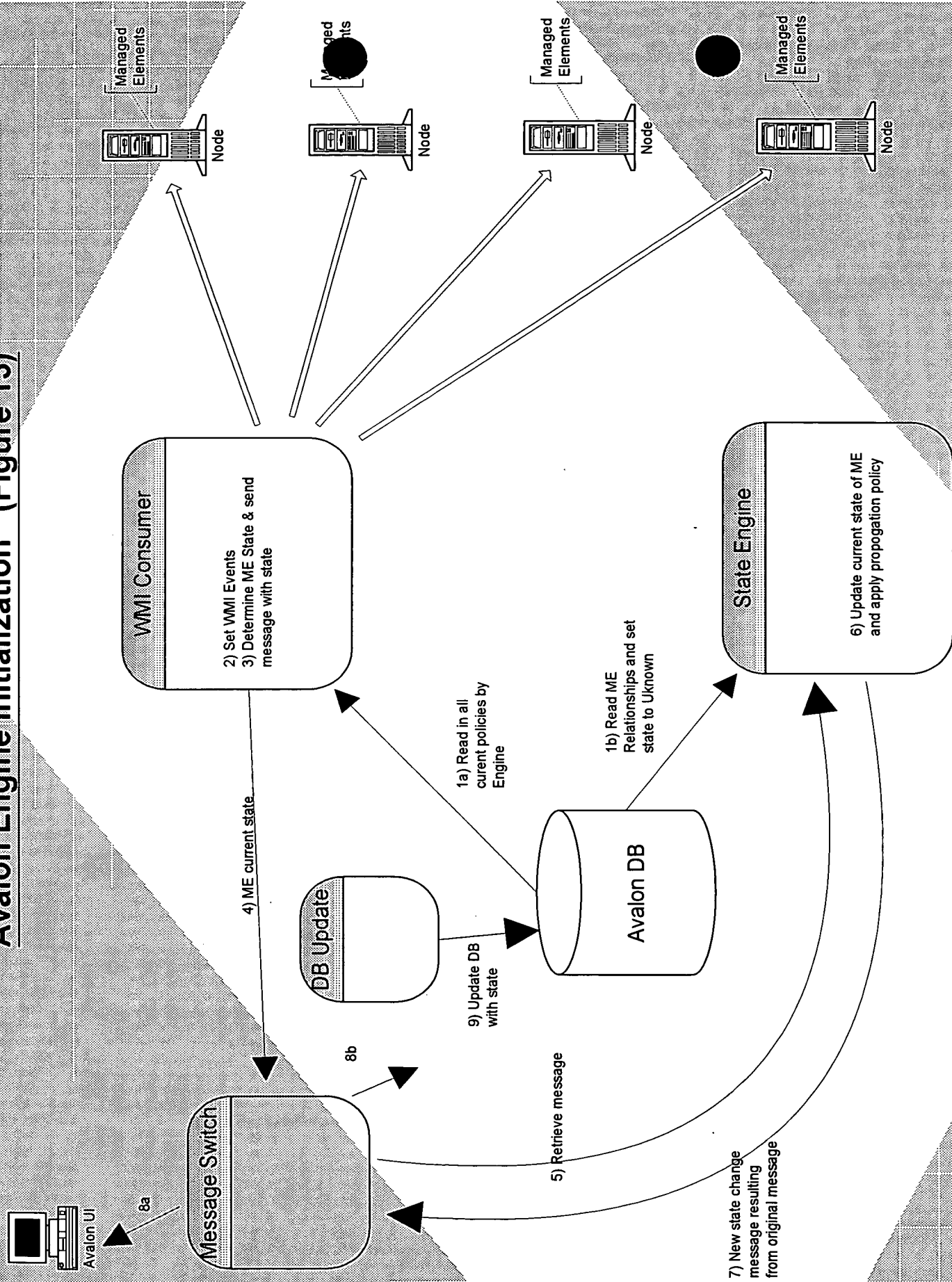


Figure 12



Avalon Engine Initialization (Figure 13)



Avalon Engine Running (Fig. 14)

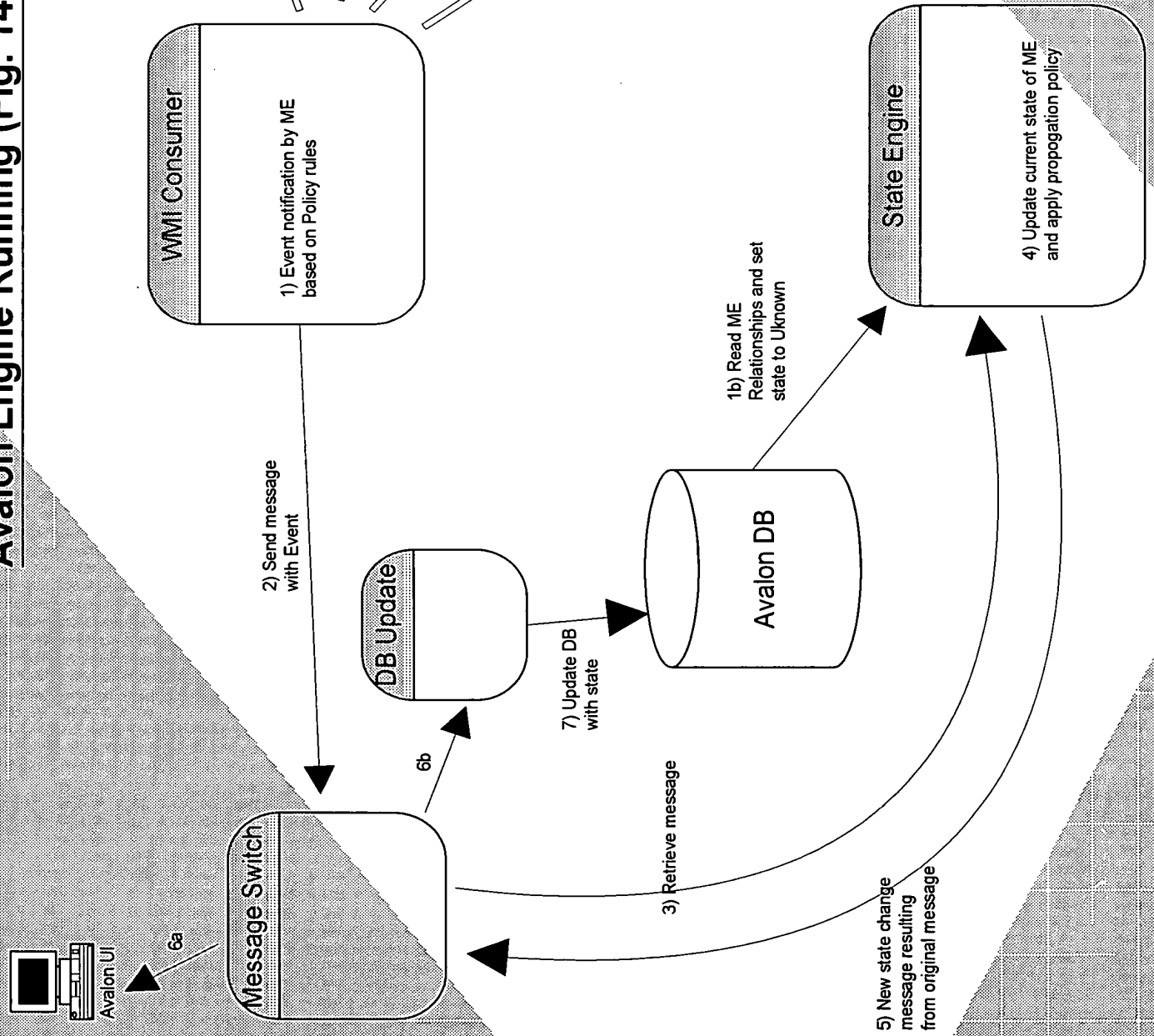
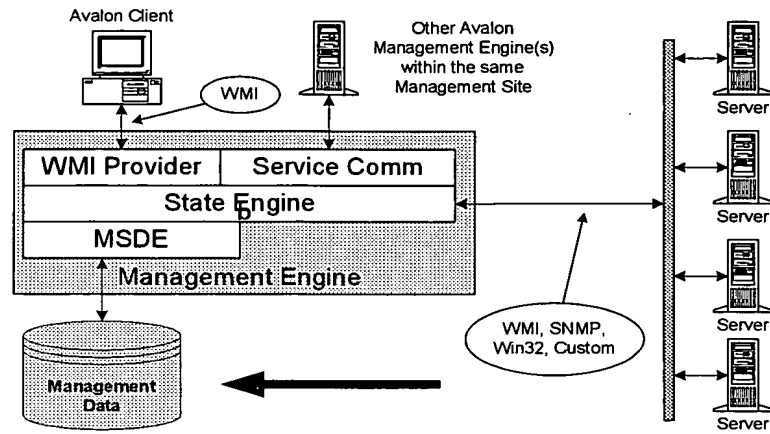
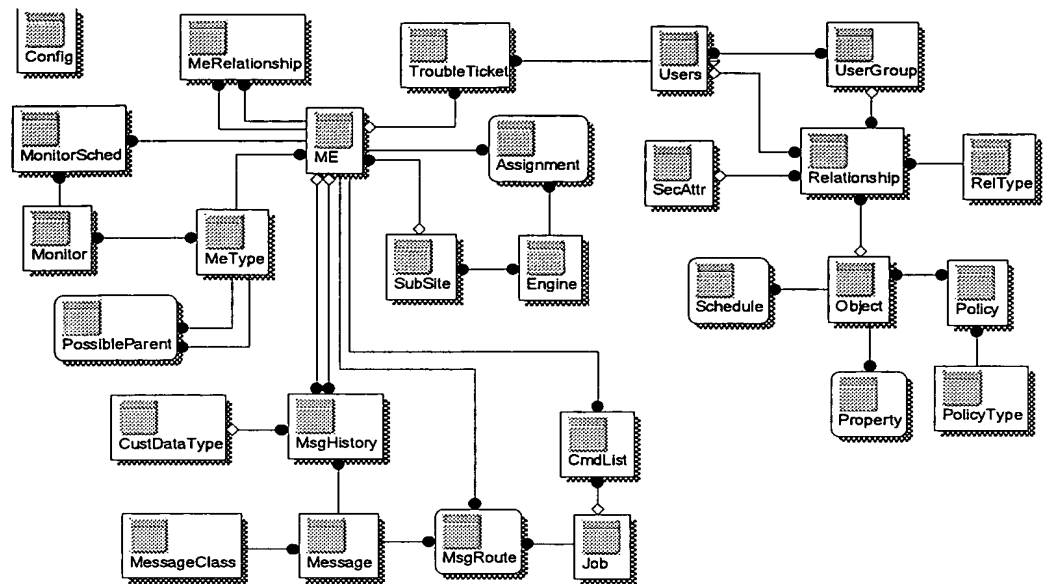


Figure 15



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Figure 16



005090 171798550

Figure 17

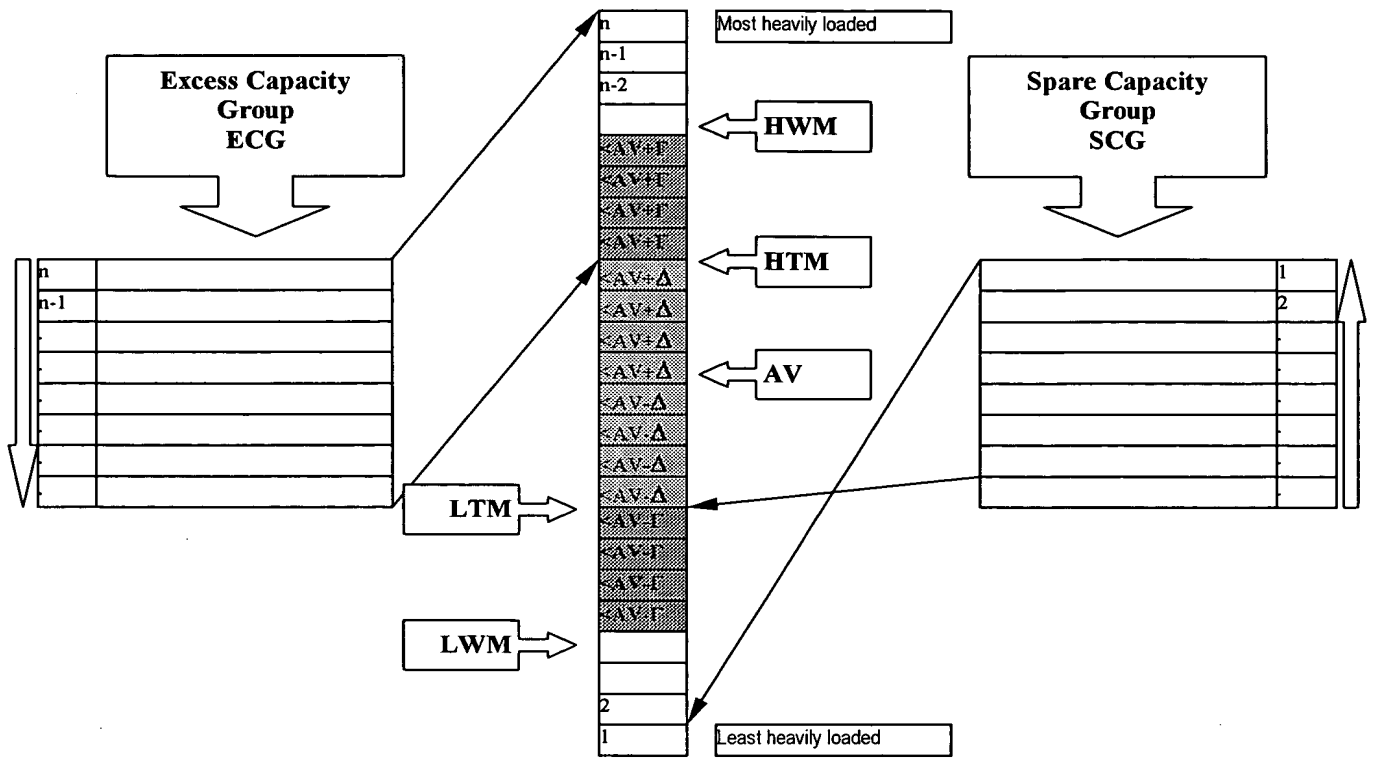
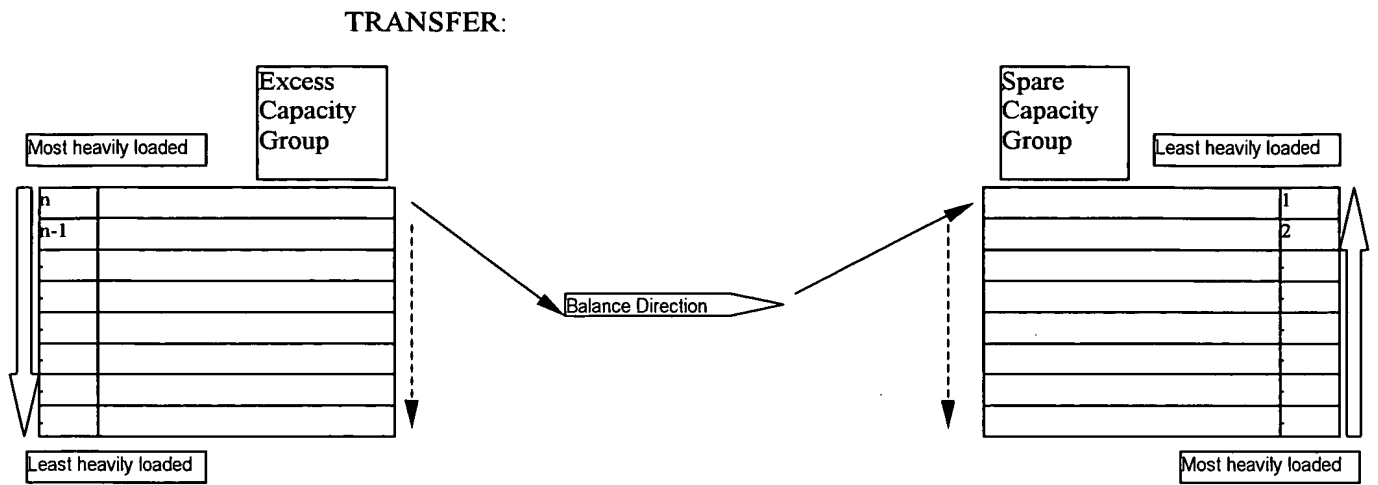


Figure 18



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15307-10000

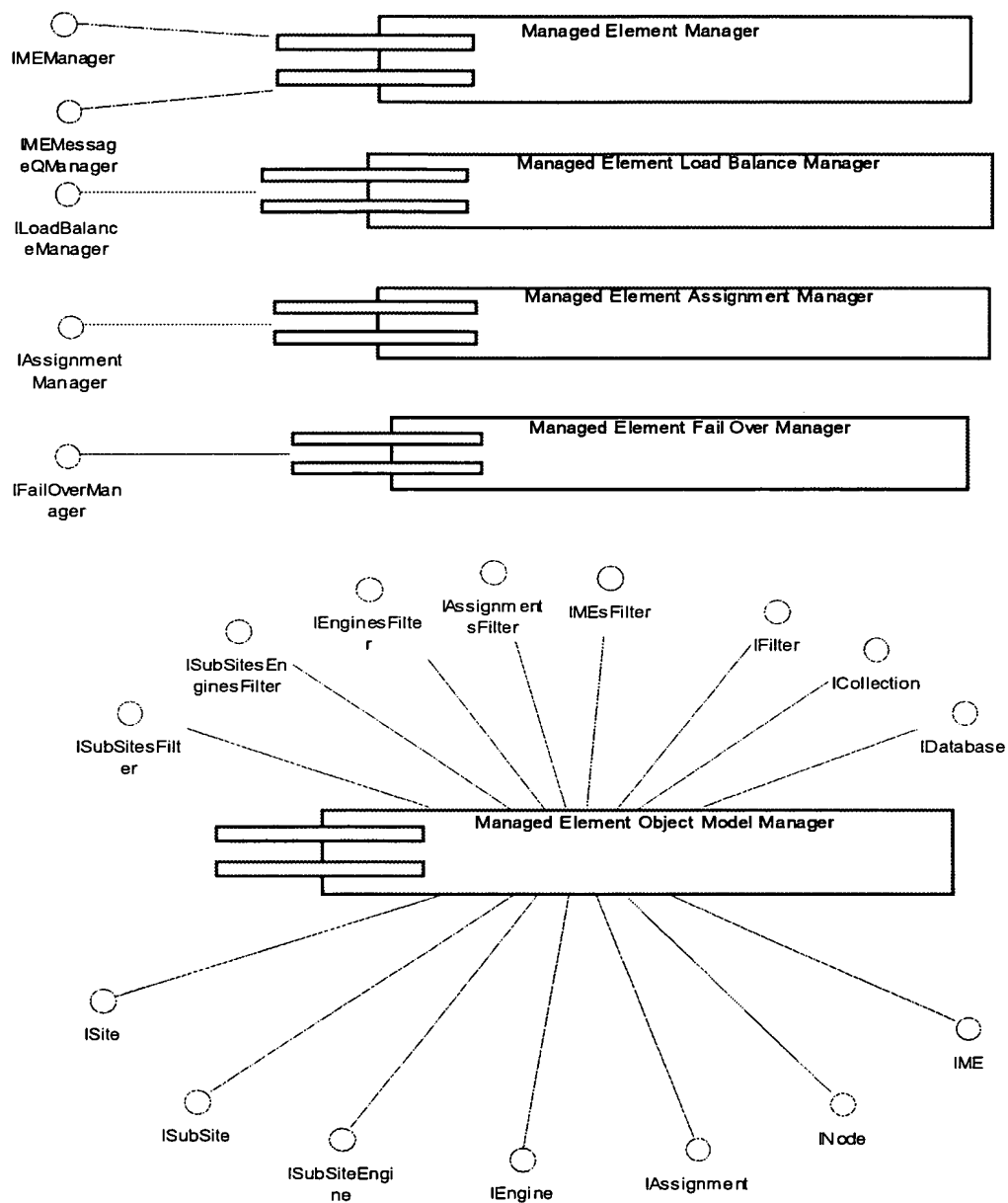


Figure 20

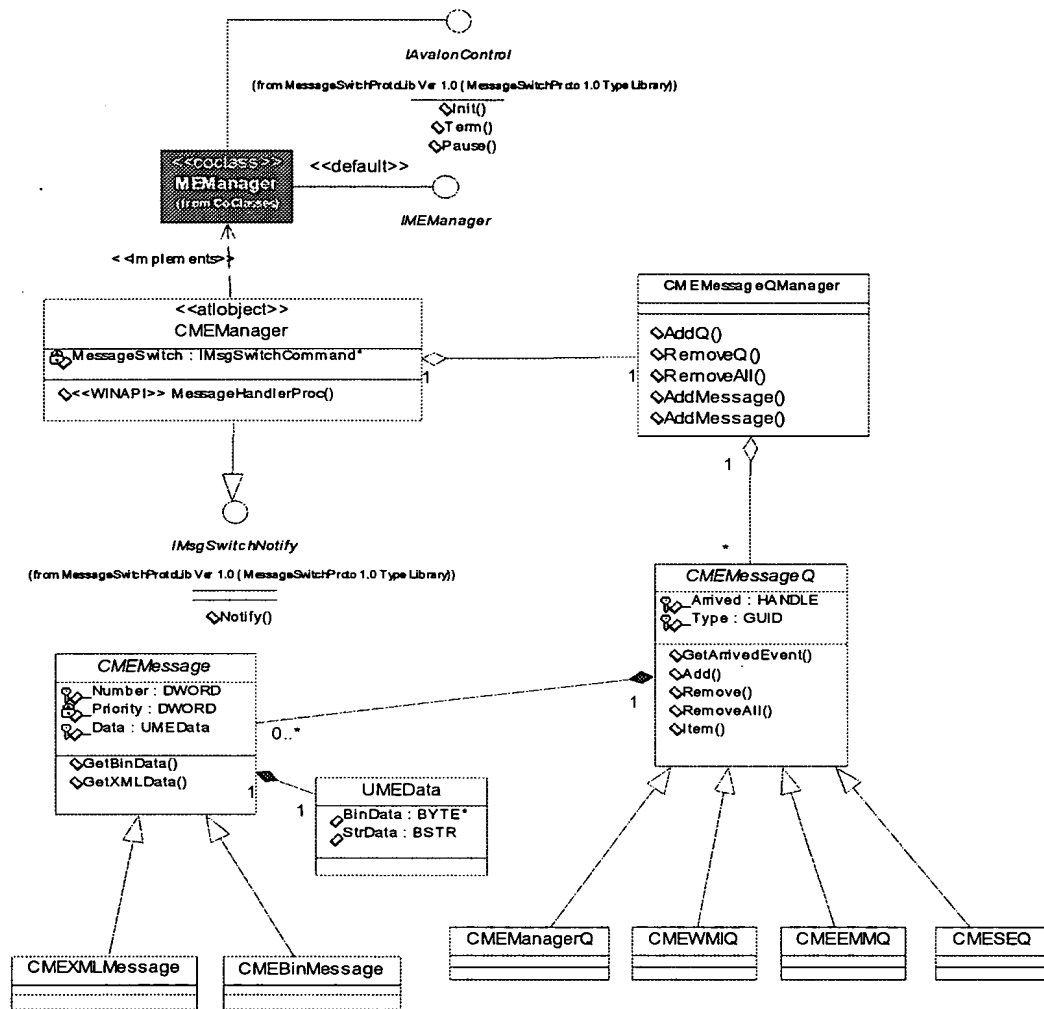
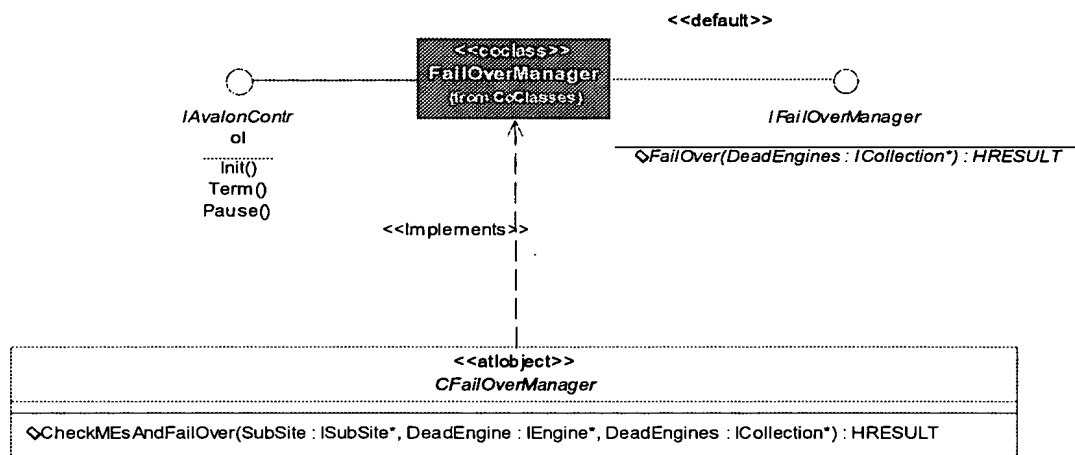
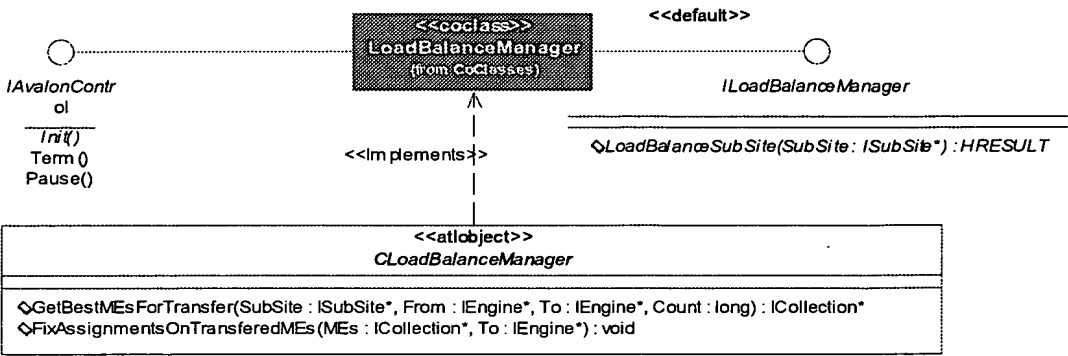


Figure 21



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Figure 23



005090 04/09/00

Figure 24

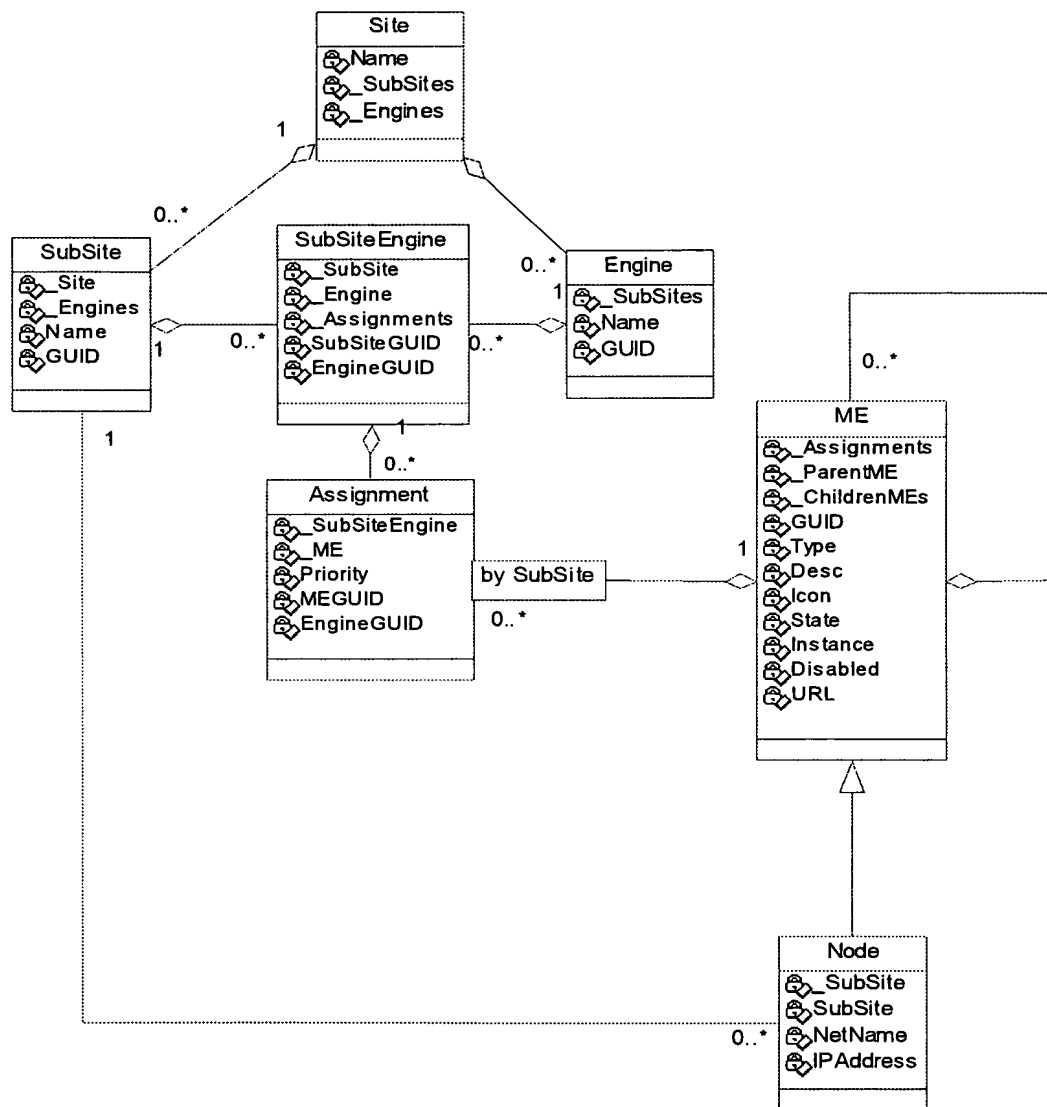
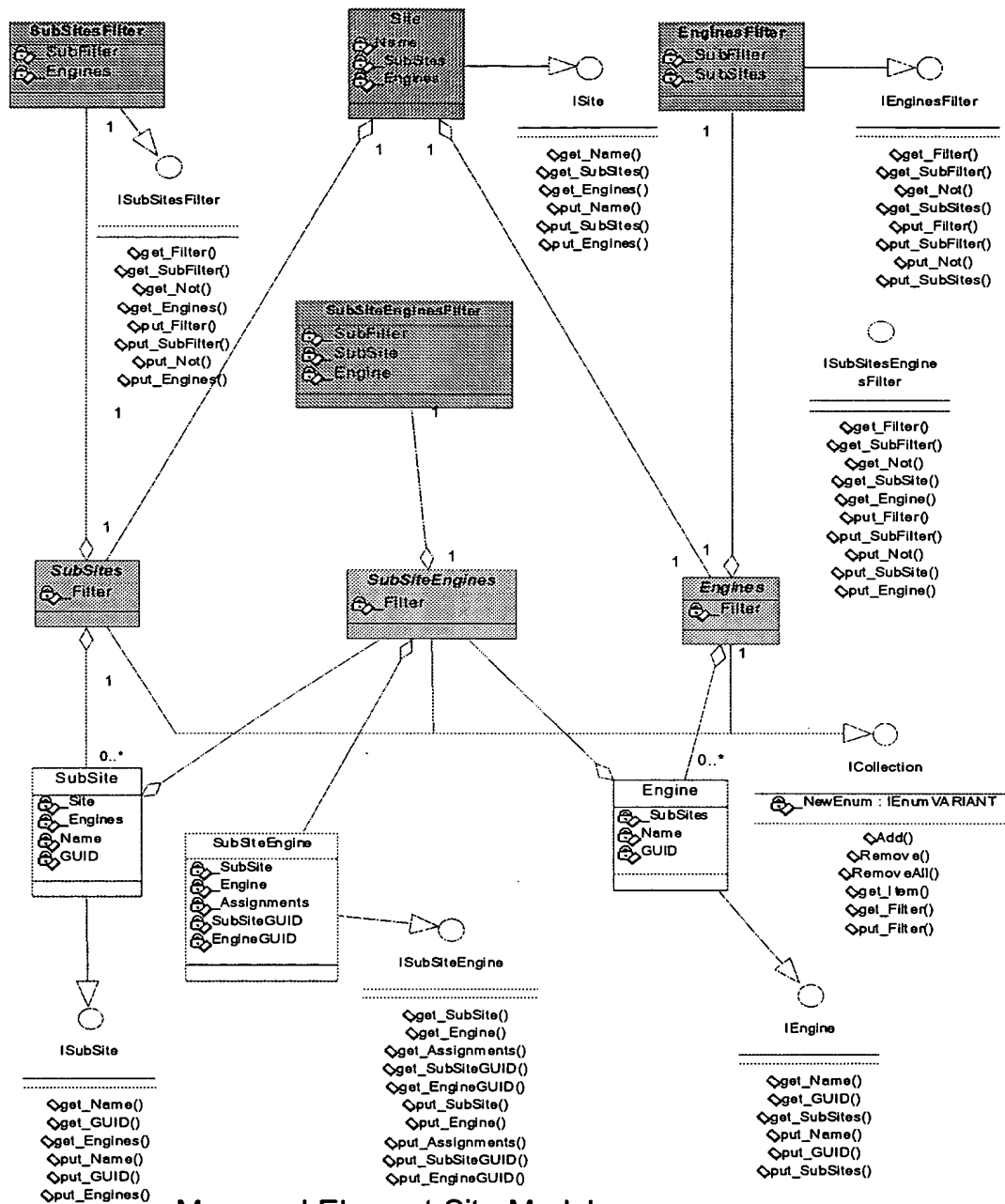


Figure 26

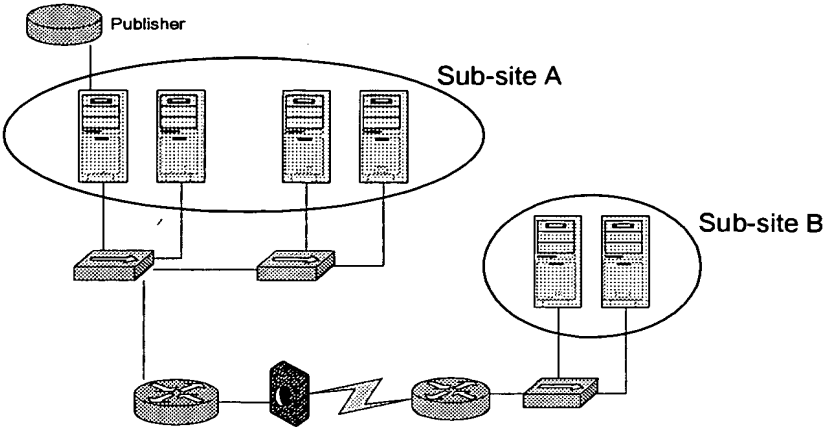


Managed Element Site Model


```
graph TD; Database((Database)) <--> DR[Database Replication]; DR <--> MS((Msg Switch)); MS <--> MAM((ME Assignment Manager));
```

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FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

Figure 30



COURT REPORTERS

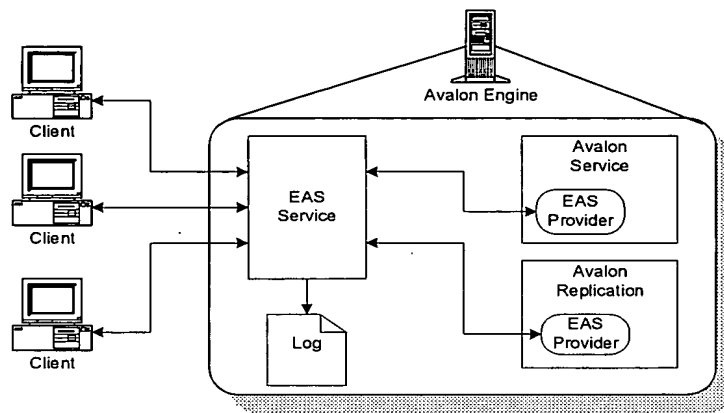
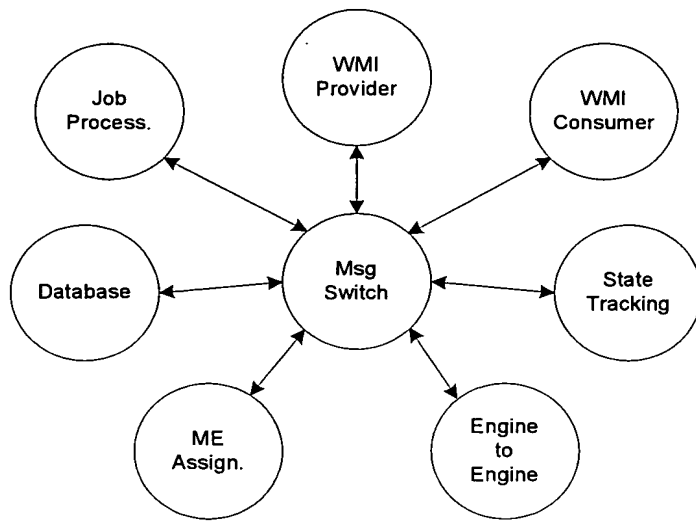


Figure 35



THE UNIVERSITY OF CHICAGO

Figure 36

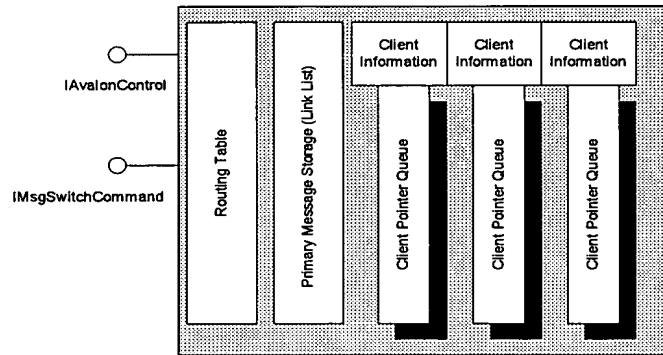
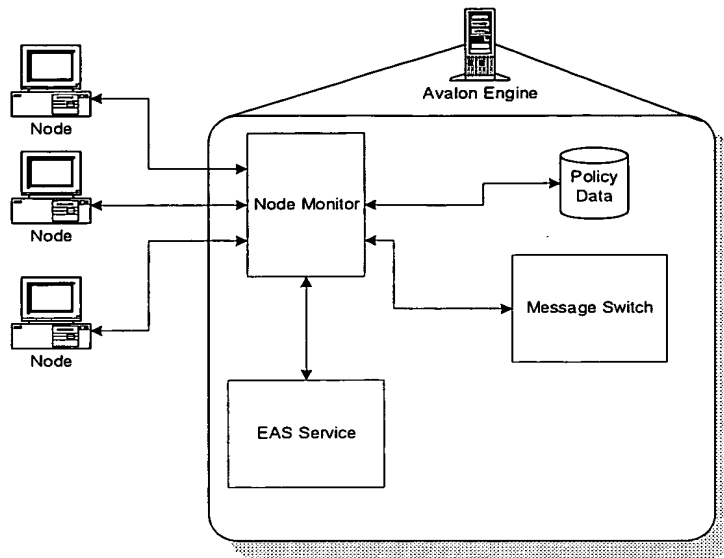
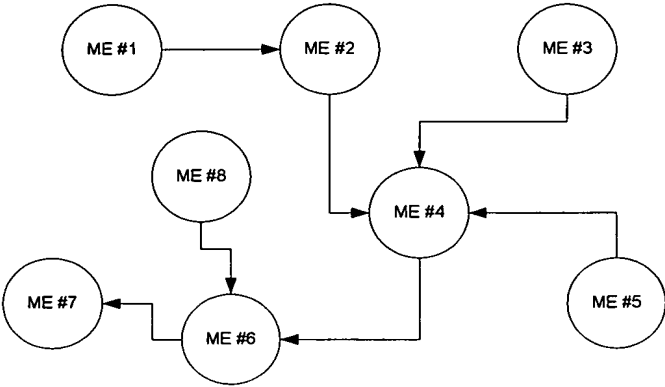


Figure 37



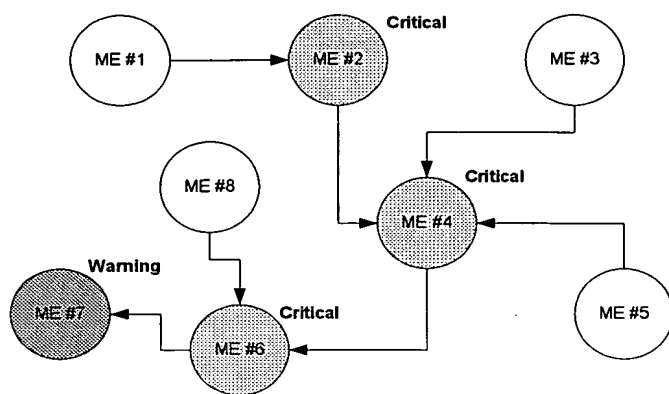
005090" 04/23/50

Figure 38



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Figure 39



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Figure 40

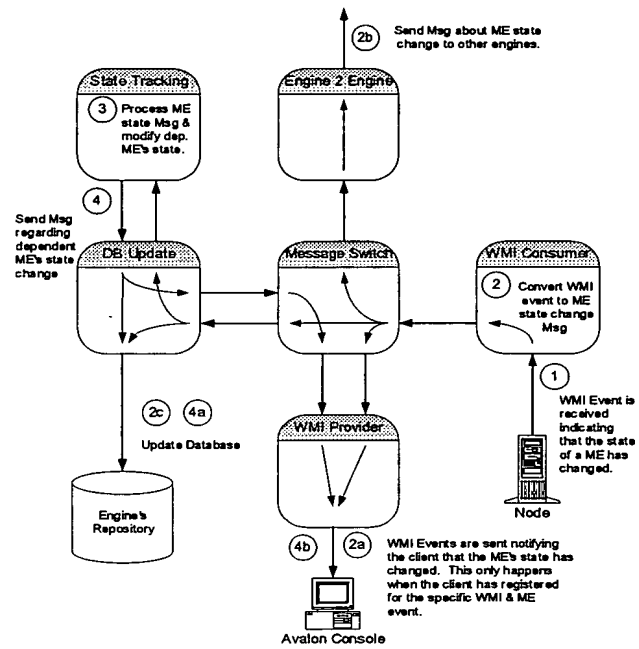
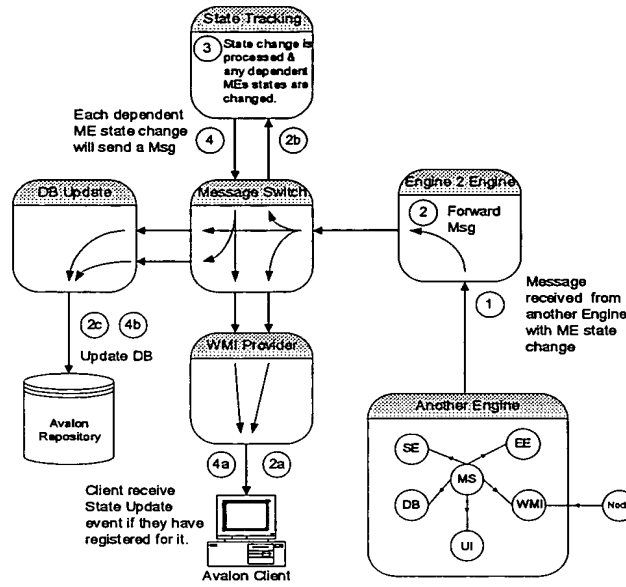


Figure 41



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Figure 42

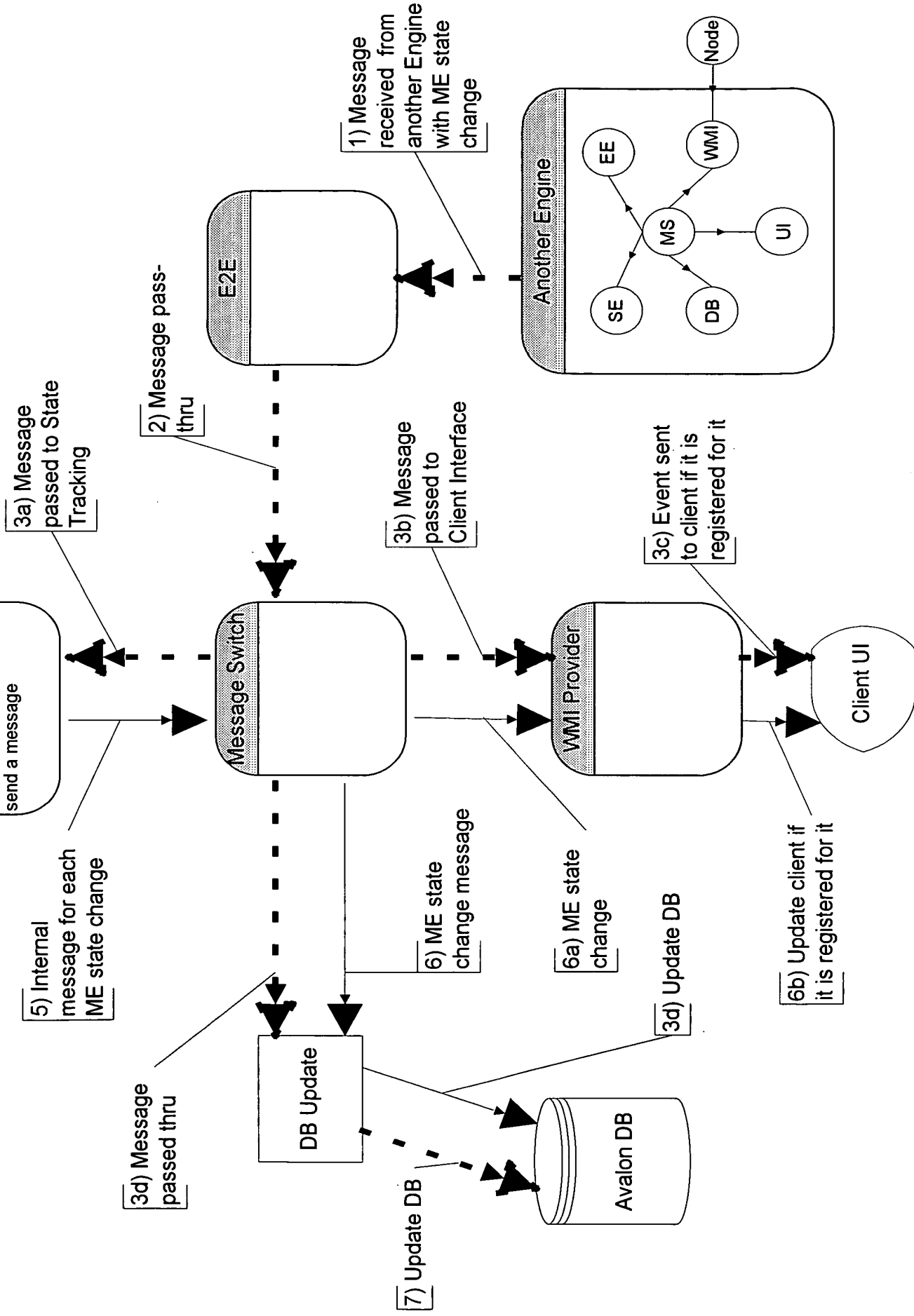
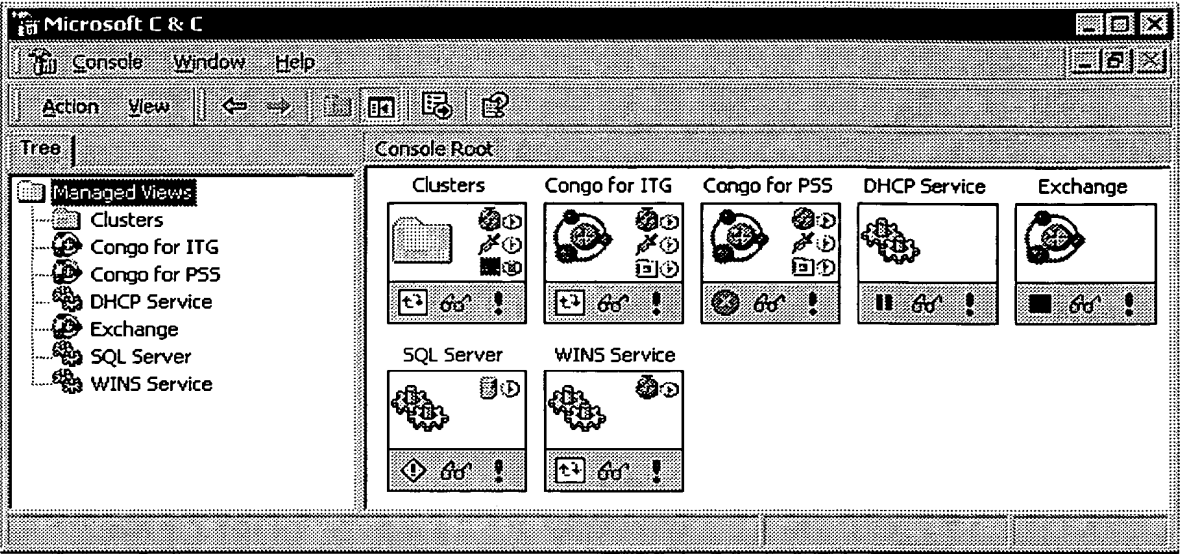


Figure 43

Aval on Mast er Mess age List			
Msg #	Object ID	Properties	
1	ME GID		
2	ME GID		
3	ME GID		
4	ME GID		
5	ME GID		
6	ME GID	state (short)	
7	Engine GID	ENG_GUID(GID) - The engine GID	
8	Engine GID		
9	Engine GID		
10	Engine GID	DNS_NAME(string) - Engine DNS name ENG_GUID(GID) - The engine GID	
11			
12			
13			
14	ME GID		Monitoring polic
15	Engine GID		
16	Engine GID		
17	ME GID	engine (GID)	
18	ME GID	engine (GID)	
19	ME GID	engine (GID)	
20	Engine GID	Same as 10	
21	Engine GID	Same as 10	
22	Engine GID		
23	Engine GID		
24	Engine GID	ENG_GUID(GID) - The target engine GID COMP_ID(string) - Any unique identifier ELECT_TYPE(long) - Site or Subsite ROLE_TYPE(long) - Master or Backup	
25	Engine GID	Same as 24	
26	Engine GID	Same as 24	
27	Engine GID	Same as 24	
28	Engine GID	COMP_ID(string) - The components unique identifier ELEC_GUID(GID) - Random GUID ELECT_TYPE(long) - Site or Subsite ROLE_TYPE(long) - Master or Backup	
29	Engine GID	Same as 24	

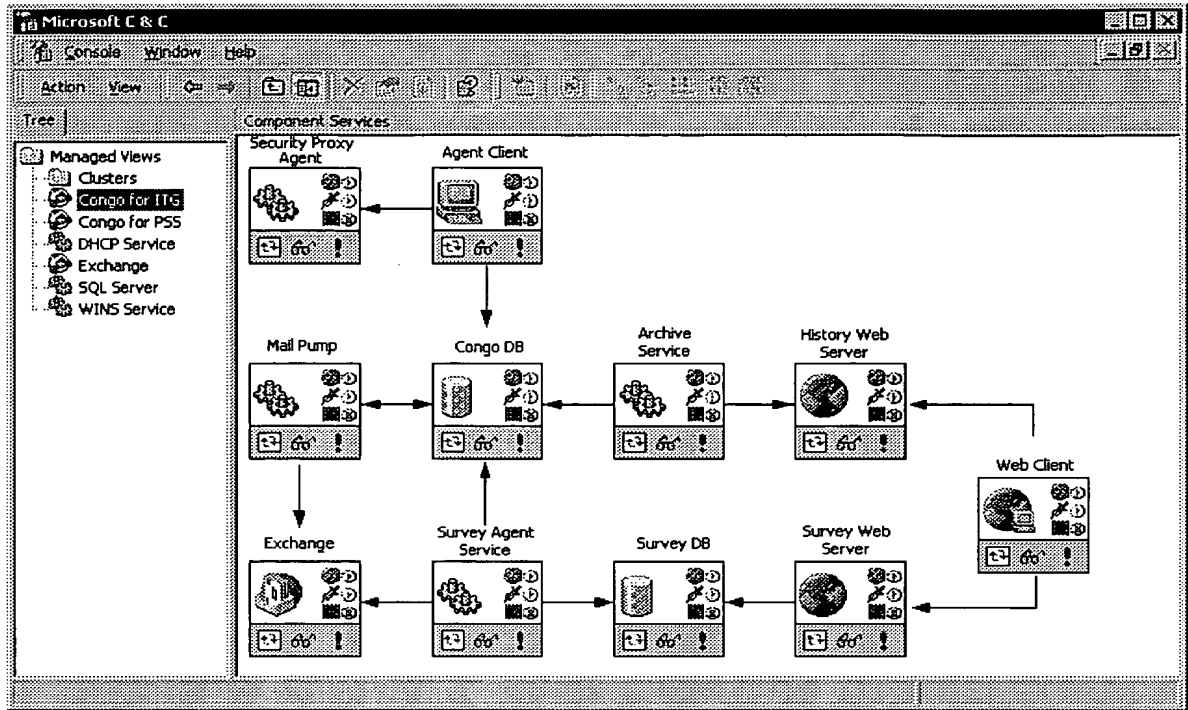
005090: 04/29/95

Figure 44



005090" 04/200550

Figure 45



005000" 04/99550

Figure 46

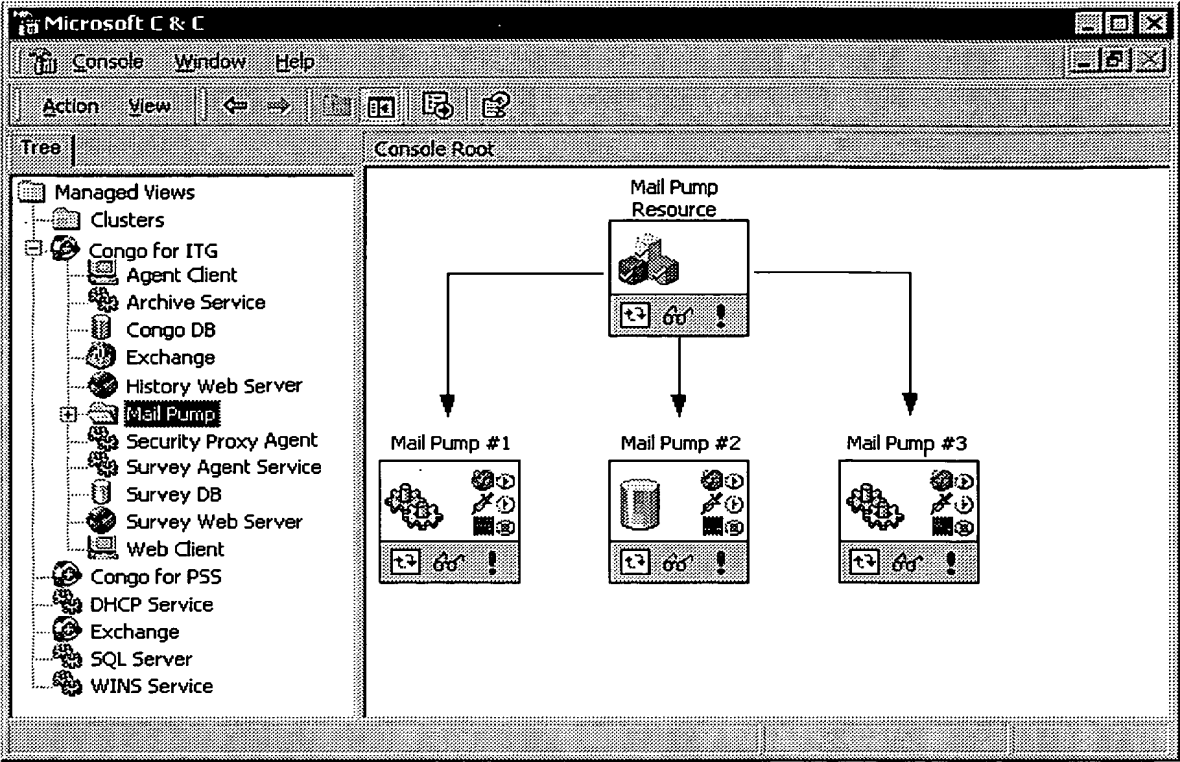


Figure 47

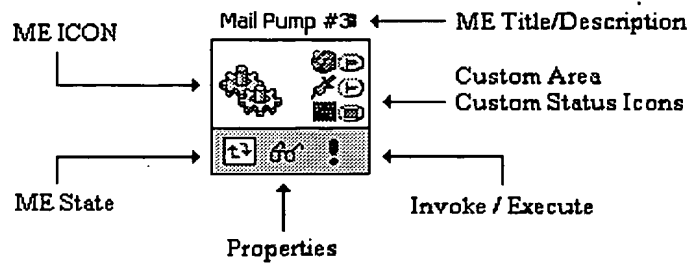


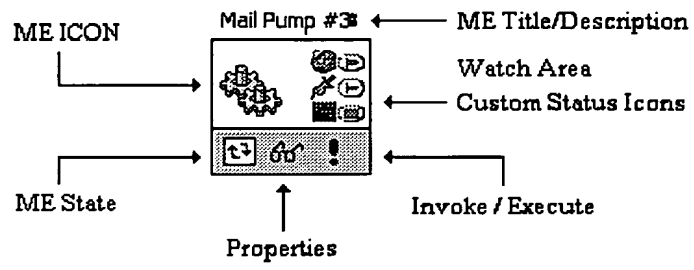
Figure 48

Icon	Description
	Disabled
	Running
	Warning
	Critical
	No Information

Figure 49

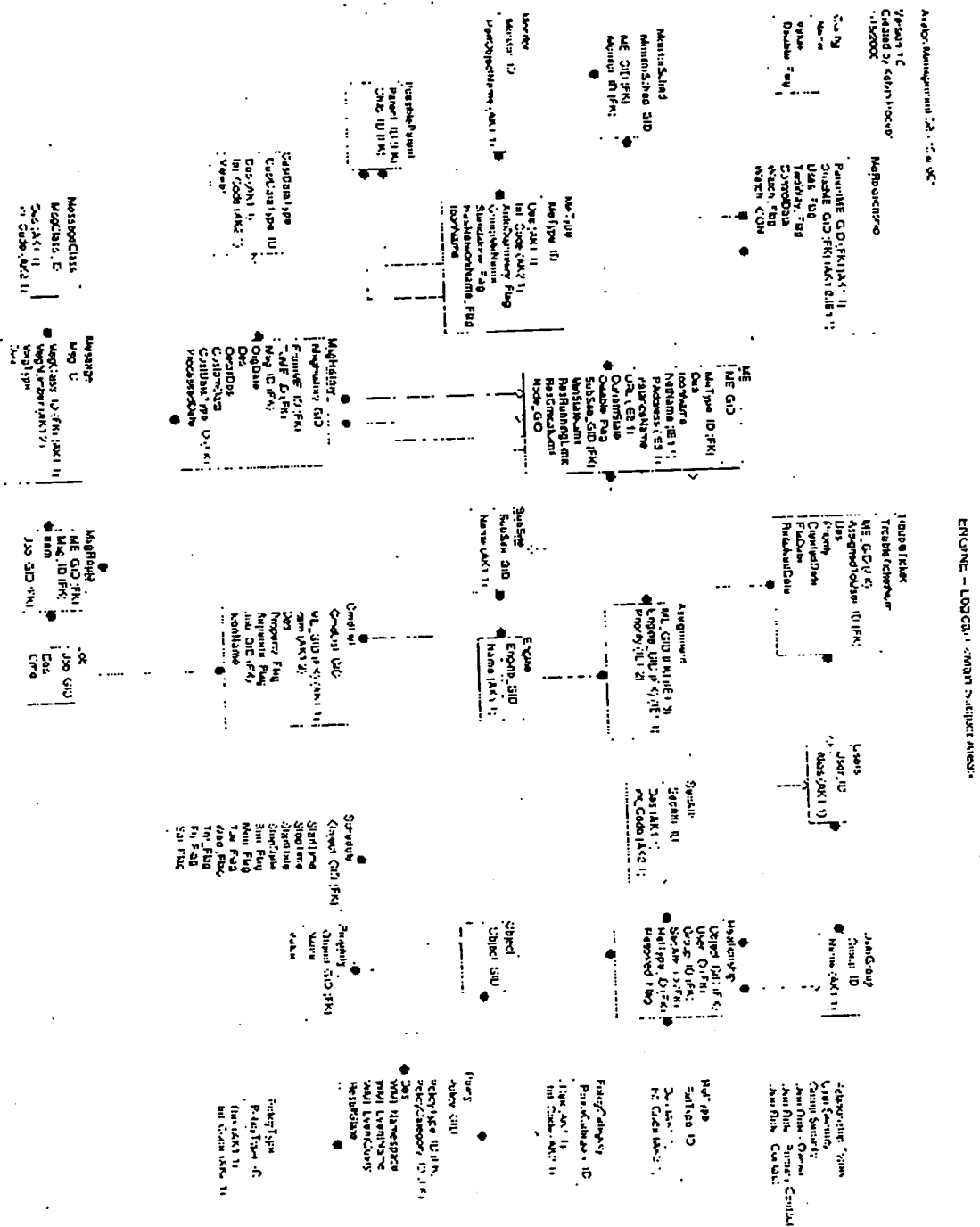
Icon	Description
	Display information allow configuration to be altered.
	Invoke WMI methods, scripts, jobs, or commands.

Figure 50



005000 04/02/60

Figure 24

[illegible]

Version 1.0
Created by Kevin Hoover
1/15/2000

Config
Name
Value
Disable_Flag

MeRelationship
ParentME_GID (FK) (AK1.1)
ChildME_GID (FK) (AK1.2, IE1.1)
Uses_Flag
TwoWay_Flag
ControlData
Watch_Flag
Watch_ICON

TroubleTicket
TroubleTicketNum
ME_GID (FK)
AssignedToUser_ID (FK)
Des
Priority
CreatedDate
Enable
ResolvedDate

Users
User_ID
Alias (AK1.1)

UserGroup
Group_ID
Name (AK1.1)

Relationship Types
User Security
Group Security
User Role - Owner
User Role - Primary Contact
User Role - Contact

MonitorSched
MonitorSched_GID
ME_GID (FK)
Monitor_ID (FK)

Monitor
Monitor_ID
PerObjectName (AK1.1)

MeType
MeType_ID
Des (AK1.1)
Int_Code (AK2.1)
AutoDiscovery_Flag
GroupMeName
Standards_Flag
HasNetworkName_Flag
IconName

PossibleParent
Parent_ID (FK)
Child_ID (FK)

CustDataType
CustDataType_ID
Des (AK1.1)
Int_Code (AK2.1)
Viewer

MsgHistory
MsgHistory_GID
FromME_ID (FK)
ToME_ID (FK)
Msg_ID (FK)
OrigDate
Des
CustomData
CustDataType_ID (FK)
ProcessedDate

MessageClass
MsgClass_ID
Des (AK1.1)
Int_Code (AK2.1)

Message
Msg_ID
MsgClass_ID (FK) (AK1.1)
MsgNumber (AK1.2)
MsgType
Des

MsgRoute
ME_GID (FK)
Msg_ID (FK)
Item
Job_GID (FK)

Job
Job_GID
Des

SubSite
SubSite_GID
Name (AK1.1)

Engine
Engine_GID
Name (AK1.1)

Assignment
ME_GID (FK) (IE1.3)
Engine_GID (FK) (IE1.1)
Priority (IE1.2)

SecAttr
SecAttr_ID
Des (AK1.1)
Int_Code (AK2.1)

Relationship
Object_GID (FK)
User_ID (FK)
Group_ID (FK)
SecAttr_ID (FK)
RefType_ID (FK)
Reserved_Flag

RefType
RefType_ID
Des (AK1.1)
Int_Code (AK2.1)

PolicyCategory
PolicyCategory_ID
Des (AK1.1)
Int_Code (AK2.1)

Policy
Policy_GID
PolicyType_ID (FK)
PolicyCategory_ID (FK)
Des
WMI_Namespace
WMI_EventName
WMI_EventQuery
ResultState

Object
Object_GID
Object_ID (FK)
Name
Value

Schedule
Object_GID (FK)
StartTime
StopTime
StandDate
StopDate
Sun_Flag
Mon_Flag
Tue_Flag
Wed_Flag
Thu_Flag
Fri_Flag
Sat_Flag

PolicyType
PolicyType_ID
Des (AK1.1)
Int_Code (AK2.1)